

CONTROL CIRCUIT OF ELECTRONIC BALLAST FOR FLUORESCENT LAMP

ABSTRACT OF THE DISCLOSURE

Disclosed is a control circuit of an electronic ballast for a fluorescent lamp, wherein the control circuit comprises a protection circuit and an automatic re-lamp circuit. The protection circuit detects an abnormal voltage condition resulted from a defective lamp tube, stops an oscillation circuit of the electronic ballast from generating high voltage output, and thereby protects a worker from an electric shock when the worker attempts to replace the defective lamp tube. The automatic re-lamp circuit turns on a newly installed lamp tube without switching off and on a power supply to the fluorescent lamp first.